

Original/Duplicate/Triplicate
CONTRACT CERTIFICATE

(For Other Works)
Sub division:

Head of Account:

1st & Final Bill

Division: EE Project Div

Received No. Date

Cash Book Voucher No.

AEE Project Div

dated

Scheduled Docted No.

Name of Work (as per sanctioned estimate):- Name of Work: Construction and Improvements of Tiolets in Ward No . 08 ,
Kodigehalli ,

Name of Contractor and Full Address: M/s KRIDL

Reference to Work order No. EE (Project) / YNK zone / WOP / 18-19

dt: 13/12/2018

Certified that the measurement were taken by me on 18/11/2021 and recorded of pages: 383167 To

383183 of measurement Book No: 09/2019-20 and that the work is satisfactorily executed.

Officer-In-Charge of work

Contractor: Assistant Executive Engineer,

Certified that the measurements were taken by me on 18/11/2021 are found correct and the work is satisfactorily executed.

KRIDL, BBMP, Bangalore

Certified that the quantities of materials shown in column 3 of Account II have been actually brought to site of the work and the contractor has not previously received any advance on this security. These materials are of an imperishable nature and are all required for immediate use on the work in connection with items for finished work have been agreed upon. A normal agreement signed and executed by the contractor is recorded in the office.

II Memorandum of Payment

- 1) Total value of work done or supplies made as per account within
- 2) Deduct amount to be held in reserve being.....percent Rs.....
- 3) Deduct amount to be held in Balance
- 4) Deduct Payments:
 - a) Amount of previous payment as in the office Cash Book Voucher
No.....Dated S.D No.....
Amount adjusted towards cash advance recovery of
 - b) Payments cost store or other materials supplied
Now made recovery of amount creditable to this/other work
Amount paid on this bill Cheque/Cash
- 5) Balance being unpaid value of work done held in reserve
- 6) Deduct cash advance made on the Office Cash Book Voucher No.....
dated..... less adjustments
- 7) Net amount due to or from contractor
Unadjusted items
- 8) Advance to contractor for materials brought to site (as detailed) with
Value of Government materials supplied

Sub-Division Officer

Grand Total	4899695.00
Deduction 11	93794.00
CEM	48997.00
CBF	4900.00
COST	43747.00
SAST	43747.00
Royalty	46343.00
ESDS	24498.00
Penalty	1192.00
Net Deduction	541613.00
Net payable	4358082.00

Received Rs.

by cash and by adjustment of Payment as per memorandum.

Witnesses:

1

2

Dated.....
Paid by me by cheque No.....dated.....
Cast Rs.....dated.....

Initials of Officer making payment

Contractor's Signature

Assistant Executive Engineer,
R.R. Nagar, Sub-division,
KRIDL, BBMP, Bangalore

Audited & Admitted for use in the Office

4899695.00
4358082.00 by Cheque
and Rs.. 541613.00 by Adjustment

Executive Engineer

Acca. Subd. 12
Project Division
B.B.M.P.

Exec. Engineer
Project Division
B.B.M.P.

BRUHATH BANGALORE MAHANAGARA PALIKE

PROJECT DIVISION-YALAHANKA

Name of Work: Construction and Improvements of Tiolets in Ward No . 08 , Kodigehalli ,

Job Code :-

Name of Agency :- M/s KRIDL

Bill No :1st and Final Bill

Sl. No.	Description of Item	Unit	BOQ	Rate	Present Measurement		Total Up do date	
					Qty	Amount	Qty	Amount
1	KSRRB M200-13.1. Dismantling of existing structures like culverts, bridges, retaining walls and other structure comprising of masonry, cement concrete, wood work, steel work, including T&P and scaffolding wherever necessary, sorting the dismantled material, disposal of unserviceable material and stacking the serviceable material with all lifts complete as per specifications. i) Lime /Cement Concrete.II. By Mechanical Means. A. Cement Concrete Grade M-15 & M-20. MORTH Specification No. 202. (P.No. 139, I.No. 18.20 of CSR 2018-19)	Cum	39.61	421.20	39.61	16,682.05	39.61	16,682.05
2	KSRB 2-2.1 : Earthwork excavation for foundation of buildings, water supply, sanitary lines and electrical conduits either in pits or in trenches 1.5m and above in width, in ordinary soil not exceeding 1.5 m. in depth including dressing the bottom and sides of pits and trenches, stacking the excavated soil clear from edges of excavation with lead upto 50 m. after breaking of clods complete as per specifications. specification. No. KBS 2.1(a) / 2.3.5(Page no. 5, Item no 2.3)	Cum	296.67	322.92	296.67	95,800.81	296.67	95,800.81
3	KSRB 4-1.2 : Providing and laying in position plain cement concrete of mix 1:3:6 with OPC cement @ 220kgs, with 40mm and down size graded granite metal coarse aggregates @0.892cum and fine aggregates @ 0.465cum machine mixed, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation including cost of all materials, labour, HOM of machinery, curing complete as per specifications (Page no. 12, Item no. 4.2).	Cum	9.98	5,609.52	9.98	55,981.05	9.98	55,981.05
4	KSRB 5.1-3 : Providing and constructing granite / trap / basalt rubble stone masonry in foundation with cement mortar 1:6 (uncoursed), bond stones at two m. apart in each course including cost of materials, labour, curing complete as per specifications.KBS 5.1.12(Page no. 22, Item no. 5.3).	Cum	9.25	3,938.76	9.25	36,423.33	9.25	36,423.33
5	KSRB 5.3-3 : Providing and constructing granite / trap / basalt size stone masonry in basement with cement mortar 1:6, edges of stones chistle dressed in courses not less than 15 cms high, bond stones at two m. apart in each course including cost of materials, labour, curing complete as per specifications. KBS 5.1.13(Page no.23, Item no. 5.9)	Cum	2.57	5,921.64	2.57	15,236.44	2.57	15,236.44

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Sl. No.	Description of Item	Unit	BOQ	Rate	Present Measurement		Total Up to date	
					Qty	Amount	Qty	Amount
6	KSRB 15.1.1 Providing flush pointing to square rubble, course or uncoursed stone masonry with cement mortar 1:3, 20mm deep, after raking joints to depth of 20mm nicely lining, including cost of materials, labour, curing complete as per specifications. Page No 115 . Item no 15.1	Sq-m	5.17	152.28	5.17	786.65	5.17	786.65
7	KSRB 4-6.1 : Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for foundations, footings, bases of columns for mass concrete including cost of all materials, labour complete as per specifications. Specification No. KBS 4.6.2(Page no. 15, Item no.4.28)	Sq-m	18.72	278.64	18.72	5,216.14	18.72	5,216.14
8	KSRB 4-6.5 : Providing and removing centering, shuttering, strutting, propping etc., for columns, pillars, post and struts, square / rectangular/ polygon in plan including cost of all materials, labour complete as per specifications. Specification No. KBS 4.6.2(Page no. 16, Item no.4.32)	Sq-m	56.94	492.48	56.94	28,039.84	56.94	28,039.84
9	KSRB 4-6.4 : Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for vertical surface such as walls at any thickness, including attached pilasters, buttresses, plinth cills and string courses cost of all materials, labour complete as per specifications. Specification No. KBS 4.6.2(Page no.16, Item no. 4.31)	Sq-m	17.09	386.64	17.09	6,609.22	17.09	6,609.22
10	KSRB 4-6.2 : Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for suspended floors, landings, balconies and likes, thickness upto 200 mm including cost of all materials, labour complete as per specifications for heights more than 3.50m from ground level. Specification No. KBS 4.6.2(Page No :16, Item No : 4.29.2)	Sq-m	40.72	432.00	40.72	17,589.10	40.72	17,589.10
11	KSRB 4-6.10 :Providing and removing centering, shuttering, strutting, propping etc., for chajjas, corbels etc., including edges including cost of all materials, labour complete as per specifications. Specification No. KBS 4.6.2. (PWP&IWTD South Zone, BangaloreSR 2016-17 - Item No. - 4.37, Page No.16) Ground Floor	Sq-m	5.48	348.84	5.48	1,911.64	5.48	1,911.64
12	KSRB 4-6.7 :Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for sides and soffits of beams, beam haunchings, cantilever girders, bressumers and lintels not exceeding 1m in depth including cost of all materials, labour complete as per specifications. Specification No. KBS 4.6.2(page no.16,item no 4.34)	Sq-m	25.82	315.36	25.82	8,142.91	25.82	8,142.91

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Sl. No.	Description of Item	Unit	BOQ	Rate	Present Measurement		Total Up to date	
					Qty	Amount	Qty	Amount
13	KSRB 4.2.1 : Providing and laying in position reinforced cement concrete of Design mix M25 with OPC cement @ 340kgs, with 20mm and down size graded granite metal coarse aggregates @0.70 Cum. and fine aggregates @ 0.47Cum., with super plasticisers @ 3 liters conforming to IS 9103-1999 reaffirmed-2008 at machine mixed, concrete laid in layers not exceeding 15 cms thick, vibrated for all works in foundation for footings, pedestals, retaining walls, return walls, walls (any thickness) including attached pilasters, columns pillars, posts, struts, buttresses, bed blocks, anchor blocks & plinths etc., including cost of all materials, labour, HOM of machinery, curing, complete but excluding cost of reinforcement as per specifications. Specification No. KBS 4.1, 4.6 (PWP&IWTD South Zone, BangaloreSR 2016-17 - Item No. - 4.10, Page No.13)	Cum	8.59	6,276.96	8.59	53,944.82	8.59	53,944.82
14	KSRB 4.2.8: Providing and laying in position reinforced cement concrete of design mix M20 with OPC cement @ 320kgs, with 20mm and down size graded granite metal coarse aggregates @0.69cum and fine aggregates @ 0.46cum, with superplastisier @3lts conforming to IS9103-1999 Reaffirmed-2008, machine mixed, concrete laid in layers not exceeding 15 cms thick, vibrated for all works in ground floor level for roof slabs, staircase, lintles, and beams retaining walls, return walls, walls (any thickness) including attached plasters, columns, pillars, posts, struts, buttresses, string or lacing courses, parapets, coping, bed blocks, anchor blocks, plain window cills, fillets etc., including cost of all materials, labour, HOM of machinery, curing, complete but excluding cost of reinforcement as per specifications. Specification No. KBS 4.1, 4.6. (P. No. 14/ I.No. 4.13 of CSR 2015-16)	Cum	72.39	6,363.36	72.39	4,60,664.47	72.39	4,60,664.47
15	KSRB 4.2.10 : Providing and laying in position reinforced cement concrete of design mix M20 with OPC cement @ 24kgs, with 12mm and down size graded granite metal coarse aggregates @0.05175Cum. and fine aggregates @ 0.0345Cum., with superplastisier @0.225lts, machine mixed, well compacted for plain chajja of 7.5 cms. average thickness, upto ground floor level, including cost of all materials, labour, HOM of machinery, finishing, curing, complete but excluding cost of reinforcement as per specifications. Specification No. KBS 4.1, 4.6 (PWP&IWTD South Zone, BangaloreSR 2016-17 - Item No. - 4.19, Page No.14) Ground Floor	Sq-m	3.75	475.20	3.75	1,782.00	3.75	1,782.00

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SL No.	Description of Item	Unit	BOQ	Rate	Present Measurement		Total Up to Date	
					Qty	Amount	Qty	Amount
16	KSRB 4.9.2 : Providing T.M.T steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM of machinery complete as per specifications. Specification No. KBS 4.6.3 - TMT bars Fe 500(page no.17,item no:4.46.2)	Tn	2.73	76,643.28	2.73	2,09,236.15	2.73	2,09,236.15
17	Waterproofing of RCC Terrace / podium slab / toilet / utilities / water retaining structure by preparing the surface by chipping and cleaning and Grouting of Honey comb, voids,cracks / construction joints with cement slurry (1kg cement added in 10 ltr of water) added with 100gm of inorganic accelerator, followed by spraying of liquid biological modified alkaline earth silicates @ 0.40 ltr per sqm on whole surface to reduce the micro porosity and allowing it to dry, curing the surface for the silicates to penetrate deeper into the concrete and spraying waterproofing impregnate liquid containing silane and silanol linear copolymer @ 0.50 ltr per sqm and finally applying polymer slurry made out of cross linked acrylic / styrene / butadiene & cement in the ratio of 1:0.1, @0.50kg/sqm on the whole surface, including all labour charges tools and equipments, all complete as per the specification(Page No 69 Item No 10.5.1)	Sq-m	427.63	568.08	427.63	2,42,928.05	427.63	2,42,928.05
18	KSRB 2.3 : Filling available excavated earth (excluding rock) in sides of foundations upto plinth in layers not exceeding 20 cms. in depth, compacting each deposited layer by ramming after watering with lead upto SO m. and lift upto 1.5 m. including cost of all labour complete as per specifications. specification. No. KBS (Page No : 6, item No : 2.10)	Cum	19.89	217.08	19.89	4,317.72	19.89	4,317.72
19	KSRB 5-11 : Providing and constructing load bearing wall with solid concrete blocks of size 400x200x200 mm having block density not less than 1800 kg/m3 and having a minimum average compressive strength 5.00 N/mm2 conforming to IS 2185 (Part) : 2005 and constructed with CM 1:4 , as per IS 2572:2005 including cost of all materials, labour charegs, scaffolding, curing complete as per specifications. KBS No.5.4- Item No 5.27.1. Page No 27	Sq-m	74.99	984.96	74.99	73,862.64	74.99	73,862.64
20	KSRB 5-11 : Providing and constructing load bearing wall with solid concrete blocks of size 400x150x200 mm having block density not less than 1800 kg/m3 and having a minimum average compressive strength 5.00 N/mm2 conforming to IS 2185 (Part) : 2005 and constructed with CM 1:4 , as per IS 2572:2005 including cost of all materials, labour charegs, scaffolding, curing complete as per specifications. KBS No.5.4,Item No 5.27.2. Page No 27	Sq-m	21.41	1,029.24	21.41	22,036.03	21.41	22,036.03

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Sl. No.	Description of Item	Unit	BOQ	Rate	Present Measurement		Total Up to date	
					Qty	Amount	Qty	Amount
21	KSRB15-3.11 : Providing 20mm thick cement plaster in single coat with cement mortar 1:6, to stone masonry & concrete surface including rounding off corners wherever required smooth rendering, : Providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications.(page no.114,item no:15.20)	Sq-m	103.83	274.32	103.83	28,482.78	103.83	28,482.78
22	KSRB15-3.4 : Providing 15mm thick cement plaster in single coat with cement mortar 1:3, to brick masonry including rounding off corners wherever required smooth rendering, : Providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications.(page no.113,item no.15.12)	Sq-m	119.96	252.72	119.96	30,316.29	119.96	30,316.29
23	KSRB15-3-13 : Providing 12mm thick cement plaster in single coat with cement mortar 1:3, to ceiling including rounding off corners wherever required smooth rendering, : Providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications. (P.No. 113, I.No. 15.21 of PWD SR 2018-19)	Sq-m	47.81	253.80	47.81	12,134.18	47.81	12,134.18
24	KSRB 15-16.1: Providing and finishing external walls in two coats with waterproof cement paint of approved brand and shade to give an even shade after thoroughly brooming the surface to remove all dirt and loose powdered material, free from mortar drops and other foreign matter cost of materials, labour, complete as per specifications. - with primer. (P. No. 117, I.No. 15.53.2 of SR 2018-19).	Sq-m	215.02	110.16	215.02	23,686.66	215.02	23,686.66
25	KSRB 15-15.1 : Providing and applying painting in two coats with plastic emulsion paint of approved brand on wall surface to give an even approved shade after thoroughly brushing the surface, free from mortar drops and other foreign matter including preparing the surface even and sand paper smooth, cost of materials, labour, complete as per specifications. - with primer. (P. No. 116, I.No. 15.51.2 of SR 2018-19).	Sq-m	101.67	97.20	101.67	9,882.03	101.67	9,882.03
26	KSRB 15-15.2 : Providing and applying painting in two coats with plastic emulsion paint of approved brand on wall surface to give an even approved shade after thoroughly brushing the surface, free from mortar drops and other foreign matter including priming,including preparing the surface even and sand paper smooth, cost of materials, labour, complete as per specifications. - with primer. (P. No. 117, I.No. 15.51.2.2&3).for ceiling	Sq-m	78.81	102.60	78.81	8,085.91	78.81	8,085.91
27	KSRB 14.14-5: Providing Ceramic tiles of approved make,shade and size for flooring, treads of steps and landings laid on a bed of 12mm thick, cement mortar 1:3 mix, flush pointing with white cement using colour pigment , including cost of materials, labour, curing, complete as per specifications. - for Ceramic Tiles of size 30x30cms 6mm thick. (P.No.106, I.No. 14.36.2 of PWD SR 2015-16)	Sq-m	96.82	1,306.80	96.82	1,26,528.95	96.82	1,26,528.95

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Sl. No.	Description of Item	Unit	BOQ	Rate	Present Measurement		Total Up to	
					Qty	Amount	Qty	Amount
28	KSRB 14.14-5: Providing Ceramic tiles of approved make, shade and size for flooring, treads of steps and landings laid on a bed of 12mm thick, cement mortar 1:3 mix, flush pointing with white cement using colour pigment, including cost of materials, labour, curing, complete as per specifications. - for Ceramic Tiles 400 x 400mm on a bed of 20mm thick	Sq-m	26.47	1,455.84	26.47	38,536.08	26.47	38,536.08
29	KSRB 7.9 : Providing and fixing M.S.grill work for windows and ventilators weighing 21kg/sqm using M.S. flats, or M.S. square rods, or combination of M.S. flats and square rods as per approved design, drawing including cutting steel sections and welding the same to required pattern with a coat of red lead primer, cost of materials, fixtures, labour and HOM of machinery complete as per specifications. Specification No. KBS 7.12. (P.No. 32, I.No. 7.9 of PWD SR 2018-19)	Kgs	55.28	102.60	55.28	5,671.98	55.28	5,671.98
30	SOLID PANEL PRELAM PVC DOOR SHUTTER Providing & fixing 30mm thick factory made rigid foam Prelam Panelled Door Shutters made from M.S. tube of 19x19mm, 19 gauge for styles and 15x15mm for top & bottom rails, covered with heat moulded Prelaminated PVC C Channel of 5mm thick sheet & 30x50mm wide to form styles & 5mm thick & 75mm wide Prelaminated PVC Sheets for top rail, lock rail & bottom rail on either side & 5mm thick, 20mm wide cross PVC sheet as gap insert for top rail & bottom rail, Panelling of 5mm thick PVC sheet Prelaminated on either side fitted in the M.S. frame, Sealed to the styles & rails with PVC Designer beading on either side & joined together with solvent cement adhesive etc., Complete as per manufacturers specification & direction of Engineer-in-charge fixed to frames with 3 nos of 75mm. Aluminium hinges.	Sq-m	9.45	4,045.68	9.45	38,231.68	9.45	38,231.68
31	SOLID PVC DOOR FRAME Providing & fixing factory made PVC Door frame of size 50x47mm with a wall thickness of 5mm, made out of extruded 5mm rigid PVC foam sheet metered cut at corners & jointed 2 No.s of 150mm long brackets of 15x15mm M.S Square tube, the entire door frame to be reinforced with 19x19mm M.S Square tube of 19 gauge. The door frame to be fixed to the wall using M.S. Screws of 65/80mm size complete as per manufacturers specification & direction of Engineer-in-charge. Item No 9.84. Page No 60 PWD SR 2018-19	Sq-m	9.45	505.44	9.45	4,776.41	9.45	4,776.41

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Sl. No.	Description of Item	Unit	BOQ	Rate	Present Measurement		Total Up to date	
					Qty	Amount	Qty	Amount
32	KSRB 13-11.1 : Providing and placing on terrace, polyethylene water storage tanks with manhole lid and suitable locking arrangements, making holes of suitable diameter for inlet, outlet and over flow pipes, including cost of all materials, labour, transport charges, HOM of equipments and testing complete as per specifications. (For 1000 litre capacity) Specification No.KBS 13.22(P.no.96, I.no.13.86.2 of PWD SR 2018-19)	Each	1.00	7,374.24	1.00	7,374.24	1.00	7,374.24
33	Providing and fixing Chlorinated Poly Vinyl Chloride (CPVC) pipes conforming to IS 15778, having thermal stability for hot and cold water supply including all CPVC plain and brass threaded fittings including fixing the pipe with clamp at 1.00 mtr spacing. This includes jointing of pipes and fittings with one step CPVC solvent cement & the cost of cutting chases & making good the same including testing of joints complete. (Concealed work including cutting chases and good the walls etc.) - 20mm nominal OD pipes. (P.No.96, I.No. 13.86.2 of PWD SR 2018-19)	m	40.00	253.80	40.00	10,152.00	40.00	10,152.00
34	Providing and fixing Chlorinated Poly Vinyl Chloride (CPVC) pipes conforming to IS 15778, having thermal stability for hot and cold water supply including all CPVC plain and brass threaded fittings including fixing the pipe with clamp at 1.00 mtr spacing. This includes jointing of pipes and fittings with one step CPVC solvent cement & the cost of cutting chases & making good the same including testing of joints complete. (Concealed work including cutting chases and good the walls etc.) - 25mm nominal OD pipes (P.no.96, I.no.13.86.3 of PWD SR 2018-19)	m	40.00	316.44	40.00	12,657.60	40.00	12,657.60
35	KSRB13-8.5 : Providing and fixing to wall, ceiling and floor, low density polyethylene pipes 6.00 kgf/sq.cm working pressure 90mm outside diameter with special flange, compression type fittings, wall clips, making good the wall, ceiling and floor, including cost of all materials, labour charges, HOM of equipments and testing complete as per specifications. Specification No.KBS 13.2.15.1 / 13.9(P.no. 94. I.no.13.70.5 of PW, P&I WTD SR 2018-19)- 110 mm Outer Dia	m	40.00	486.00	40.00	19,440.00	40.00	19,440.00
36	KSRB 11-15.3 : Providing and fixing 453x357mm dia rectangular shape mirror with plastic moulded frame of approved make and shade with 6mm thick hard board backing including cost of materials, labour complete as per specifications. (P.No.82, I.No. 12.41 of PWD SR 2018-19)	Unit	2.00	1,226.88	2.00	2,453.76	2.00	2,453.76
37	Providing and fixing 7.5 cms to 15.00 cms dia NP grating 100 mm dia. (P.No. 88, I.No. 12.111 of PWD SR 2018-19)	Each	12.00	162.00	12.00	1,944.00	12.00	1,944.00
38	Providing and fixing CI Nahani trap of approved make conforming to ISI specifications and construction of Cistern in M-15 as per directions (Rate is inclusive of cost of materials and fixtures and conveyance of materials to work spot). - 10cms x 7.5cms (P.no.88, I.no.12.113.1 of PWD SR 2018-19)	Each	12.00	270.00	12.00	3,240.00	12.00	3,240.00

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SL No.	Description of Item	Unit	BOQ	Rate	Present Measurement		Total Up to	
					Qty	Amount	Qty	Amount
39	KSRB13-6.1-2 : Providing and fixing in position brass bib cock of approved quality 20mm nominal bore including cost of all materials, labour and HOM of equipments with all leads complete as per specifications. Specification No.KBS 13.2.2 / 13.3. (P.No.91/I.No. 13.24 of PWD SR 2018-19)	Each	12.00	186.84	12.00	2,242.08	12.00	2,242.08
40	KSRB13-6.3-3 : Providing and fixing in position brass gate valve with C.I wheel of approved quality (screwed end) 25mm nominal bore including cost of all materials, labour and HOM of equipments with all leads complete as per specifications. Specification No.KBS 13.2.6 / 13.3. (P.No.91/I.No. 13.34 of PWD SR 2018-19)	Each	1.00	484.92	1.00	484.92	1.00	484.92
41	Constructing brick masonry inspection chamber 450x450mm, and 450mm depth, (clear inside dimension) for single pipeline, using table moulded non-modular bricks of class designation 50 in cement mortar 1:5, C.I cover withframe (light duty) 455x610mm internal dimensions, total weight of cover with frame to be not less than 38 kg (weight of cover 23kg and weight of frame 15 kg) R.C.C. top slab with cement concrete M 15 with 20mm and downsize granite metal, foundation concrete M 5 with 40mm and downsize granite metal inside plastering 12mm thick with cement mortar 1:3, finish smooth with a floating coat of cement on walls and bed concrete complete as per standard design including cost of materials, labour charges, curing complete as per specifications. Specification No. KBS 450x450mm and 450mm depth (clear inside dimension) for single pipeline, using table moulded non-modular bricks of class designation 50 in cement mortar 1:5, C.I cover withframe (light duty) 450x450mm (P.No. 73/I.No.11.50.3 of PWD SR 2018	Nos	1.00	5,724.00	1.00	5,724.00	1.00	5,724.00
42	KSRB 11-2 : Providing and fixing white vitreous china clay, water closet Orissa pattern of size 580 x 440mm with integral type footrests, 100mm S or P trap, 10 litre low level, P.V.C flushing cistern (all are approved make) with fittings, C.I / M.S brackets, 32mm diameter flush pipe fittings and clamps, overflow arrangements with special and 25mm mosquito proof coupling of approved design, painting of fittings and brackets, cutting and making good the wall and floor wherever required, including cost of materials, labour complete as per specifications. Specification No. KBS 11. (P.No. 77, I.No.12.2 of PWD SR 2018-19)	Each	4.00	4,561.92	4.00	18,247.68	4.00	18,247.68

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Sl. No.	Description of Item	Unit	BOQ	Rate	Present Measurement		Total Up to date	
					Qty	Amount	Qty	Amount
43	KSRB 11-5 : Providing and fixing white vitreous china clay, water closet European type (Pedestal type, P-trap) with black solid plastic seat and lid, C.P brass hinges, rubber buffers. 10 litre low level, P.V.C flushing cistern (all are approved make) with fittings, C.I / M.S brackets, 40mm diameter flush bend with fittings and clamps, overflow arrangements with special and 25mm mosquito proof coupling of approved design, painting of fittings and brackets, cutting and making good the wall and floor wherever required, including cost of materials, labour complete as per specifications. Specification No. KBS 11. (P.No. 77, I.No.12.5 of PWD SR 2018-19)	Each	2.00	5,352.48	2.00	10,704.96	2.00	10,704.96
44	KSRB 11-7.4 : Providing and fixing white vitreous china clay, flat back, lipped front urinal basin of 430x260x350mm in the range of four with 10 litres PVC automatic flushing cistern, C.I / M.S brackets, standard flush pipe and C.P. brass spreaders with brass unions and G.I. clamps complete painting of fittings and brackets, cutting and making good the wall and floor wherever required, including cost of materials, labour complete as per specifications. Specification No. KBS 11(P.no.77, I.no.12.10 of PWD SR 2018-19)	Each	5.00	7,658.28	5.00	38,291.40	5.00	38,291.40
45	KSRB 11-11.1 : Providing and fixing white vitreous china clay, flat back wash basin size 630x450mm with a pair of 15mm C.P brass pillar taps with C.I / M.S brackets, 32 mm C.P. brass waste of standard pattern, painting of fittings and brackets, cutting and making good the wall and floor wherever required, including cost of materials, labour complete as per specifications. Specification No. KBS 11(P.no.80, I.no.12.23 of CSR 2018-19)	Each	3.00	4,327.56	3.00	12,982.68	3.00	12,982.68

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Sl. No.	Description of Item	Unit	BOQ	Rate	Present Measurement		Total Up to	
					Qty	Amount	Qty	Amount
46	Providing & fixing factory made Galvanized plain steel door frame of profile size 125 x 60 mm single rebate manufactured from galvanized plain steel sheet 1.25 mm thick, conforming to IS:277. The door frame consists of hinge jamb, lock jamb, head & bottom tie bars, supply in knockdown condition & to be assembled at site by mechanical means with special mitre joint. The bottom tie bar made out of galvanized plain steel sheet 1.60 mm thick pressed angle 20 x 20 mm screwed to the door frame. The stiffeners of 3 mm thick pre-punched & pre-trapped are to be welded inside the pre-punched slots of the door frames & 4 nos. of S.S. butt hinges 100 x 59 x 2.5 mm to be screwed to the door frame. The necessary stiffeners & mortar guards to be provided for fixing hardware fixtures. The door frame to be powder coated after pre-treatment of the surface. The door frame shall be filled with 1:3:6 cement concrete & to be fixed with adjustable lugs/ hold fasts. Alternatively, dry fixing shall be permitted by using metallic ex	Rmt	24.00	588.60	24.00	14,126.40	24.00	14,126.40
47	Providing & fixing factory made Galvanized steel door Shutters 32 mm thick manufactured from pre-painted Galvanized plain steel sheet 0.60 mm thick conforming to the IS: 14246. The door shutters consist of two outer skins if steel sheets, lock seam jointed at vertical stile edges, horizontal top & bottom sides to form a double skin fully flush shell. Rigid polyurethane Foam (PUF) of density 40 Kg/M3 shall be filled in the hollow portion of door shutters for structure rigidly & sound insulation. The necessary stiffeners of the Galvanized plain steel sheet of minimum thickness 1.60 mm to be provided for fixing all hardware fixtures. The rate is including MS Doorlock, MS Aldrop, 2nos of oxidised MS Handles, 2nos. of 300mm long Tower Bolt, transportation, loading, unloading, HOM etc. Item No 38.50.1. PWD SR 2018-19.size - 900 x 2035 x 32 mm thick.	Sq-m	7.56	2,311.20	7.56	17,472.67	7.56	17,472.67
48	KSRB 8.2 : Providing and fixing in position black cuddapah slab / Shahabad slab / Thandur blue slab 4 cms thick for roofing laid to line and level over wooden rafters or R.C.C. battens pointing exposed joints with cement mortar 1:4 including cost of materials, labour, curing complete as per specifications. (wooden rafters and R.C.C. battens to be paid seperately) Item No 8.2	Sq-m	2.12	686.88	2.12	1,452.75	2.12	1,452.75

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Sl. No.	Description of Item	Unit	BOQ	Rate	Present Measurement		Total Up to date	
					Qty	Amount	Qty	Amount
49	KSRB M300-1. Earth work excavation by manual means in ordinary soil involving an average horizontal throw upto 2 meters and an average lift upto 0.5m, excavated surface levelled and sides neatly dressed, the disposed earth to be levelled neatly after breaking of clods complete as per specification. MORTH / Chapter 3 with all lead and lift, loading and unloading and all other incidental charges etc., complete as per specification and direction of the engineer-in-charge of the work...Pg No.143.Item No.19.1)	Cum	349.12	137.80	348.97	48,588.69	348.97	48,588.69
50	KSRB 4-1.2: Providing and laying in position plain cement concrete of mix 1:3:6 with OPC cement @ 220kgs, with 40mm and down size graded granite metal coarse aggregates @ 0.892 cum and fine aggregates @ 0.465 cum, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation including cost of all materials, labour, HOM of machinery, curing complete as per specifications. Specification No. KBS 4.1.4.2 Pg No.13 .Item No.4.2)	Cum	57.90	5,505.64	57.74	3,17,884.64	57.74	3,17,884.64
51	Providing and laying plain/reinforced cement concrete for side drains using M20 nominal mix concrete with OPC at 300 kgs. with 20mm and down size granite metal coarse aggregates at 0.69 cum and fine aggregates at 0.43 cum machine mixed, well compacted for walls and bottom including centering, shuttering, cost of materials, HOM of machinery, curing etc., complete excluding cost of steel as per MORTH specification No. 1500, 1700, 2200. including cost of materials, labour, HOM complete as per specifications do-Wall and Bottom Thickness 15cm (I No-37.59.1.P No-271)	Cum	81.51	7,070.20	81.46	5,75,910.21	81.46	5,75,910.21
52	KSRB - 4.9.2: Providing TMT steel Fe500 reinforcement for R.C.C work including straightening, cutting, bending, hooking, lapping in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM of machinery complete as per specifications. Specification No. KBS 4.6.3. with all lead and lift, loading and unloading and all other incidental charges etc., complete as per specification and direction of the engineer-in-charge of the work	Tonne	4.89	75,223.96	4.89	3,67,646.57	4.89	3,67,646.57

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Sl. No.	Description of Item	Unit	BOQ	Rate	Present Measurement		Total Up to	
					Qty	Amount	Qty	Amount
53	Providing and fixing RCC Precast cover slab of 100mm thick for drain in cement concrete M20 using graded granite jelly 20mm and down size with steel reinforcement, including form work, lift charges, curing and concrete finished surfaces on both sides etc, complete and as per drawing and the directions of Engineer in-charge. (Data Rate) with all lead and lift , loading and unloading and allother incidental charges etc., complete as per specification and direction of the engineer-in-charge of the work	Sq-m	156.60	2,111.00	156.60	3,30,582.60	156.60	3,30,582.60
54	Providing granite Slabs of Selected quality roughly dressed and fixed in cement mortar (1:6) including fixing curing etc., Complete. 10cms thick (P.No.25, I.No.5.31.2 of PW, P&IWTDSR 2018-19	Sq-m	168.98	966.72	168.93	1,63,308.01	168.93	1,63,308.01
55	Providing One line dressing to granite stone slab/ granite stone masonry as per speciication (P.No.23, I.No.5.17 of PW,P&IWTDSR 2018-19))	Sq-m	169.22	950.82	169.23	1,60,907.27	169.23	1,60,907.27
56	Providing and laying in plain reinforced cement concrete mix 1:2:4 with OPC @ 240 kgs, with 40 mm and down size graded granite matel coarse aggregates @ 0.84 cum and fine aggragtes @ 0.56cum, in pen foundations including including cost of all materials, labour HOM machinery form works scaffolding and centering complete as per sprcifications complete as per drawing anf techinal specifications. Pg No.222, It No.27.24)	Cum	19.29	5,409.18	19.38	1,04,854.25	19.38	1,04,854.25
57	Providing and fixing Pre cast solid concrete kerb stones made out of CC 1:2:4 with top and bottom width 114 and 165mm respectively, 400mm high and 450mm in length finished with CM 1:3 plastering and finishing cutting, including formwork, curing, including cost of all materials, labour, hire charges of machinery, loading, unloading, lead and lift, transportation etc., complete (P.No.25, I.No.5.30 of PW,P&IWTDSR 2018-19)	Cum	376.00	432.48	376.00	1,62,612.48	376.00	1,62,612.48
58	KSRRB 800-1. Painting two coats after filling the surface with synthetic enamel paint in approved shades on new plastered concrete surfaces, with materials, labour complete as per specifications. MORTH Chapter 8 (P.No.179, I.No. 24.1 of PW,P&IWTDSR 2018-19)	Sq-m	59.15	84.80	59.19	5,018.89	59.19	5,018.89
59	Supplying heavy gauge PVC Conduit Pipe dia mm thick with suitable size bends, metal junction boxes adhesive paste etc., by Groove cutting in the wall and fixing by bracing U or J hooks and cement plastering up to the wall surface and run with 18 SWG GI fish wire run throughout the conduit wherever necessary. (Elec SR - 2014-15 - Item No. - 1.3)(Page No. - 2)-25mm dia 2mm thick					0.00	0.00	0.00
a	20 mm Dia 2mm thick Item No , Page No 1-14,2.1-2	Mtr	100.00	43.00	100.00	4,300.00	100.00	4,300.00
b	25 mm Dia 2mm thick Item No , Page No 1-14,2.1-2	Mtr	100.00	57.00	100.00	5,700.00	100.00	5,700.00

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Sl. No.	Description of Item	Unit	BOQ	Rate	Present Measurement		Total Up to date	
					Qty	Amount	Qty	Amount
60	Supplying heavy gauge PVC Conduit Pipe mm thick with suitable size bends, metal junction boxes adhesive paste etc., by groove cutting in the wall and fixing by bracing U or J hooks and cement plastering up to the wall surface and run with 18 SWG GI fish wire run throughout the conduit wherever necessary.							
a	20 mm Dia 2mm thick Item No 1.3.1, Page No 2	Mtr	100.00	56.00	100.00	5,600.00	100.00	5,600.00
b	25mm dia 2mm thick 1.3.2, Page No 2	Mtr	100.00	58.00	100.00	5,800.00	100.00	5,800.00
61	Supplying and wiring adopting loop system in existing PVC Conduit /casing capping casing capping using 2x1.5Sqmm (Phase & Neutral) & 1x1.0 sqmm (Earth wire) FRLS multi strand PVC insulated copper wire (confirming to IS-694; and latest amendments) without control switch shall be fixed on the existing plastic sheet/ gang box, the other end of the wires shall be terminated with sufficient loose length in a wood/PVC round block. complete for each outlet. Item No. - 2.2)(Page No. - 5)							
a	Short point upto 3Mtr from tapping point to out let via switch box Item No.-2.2.1)(Page No. - 5)	Point	6.00	144.00	6.00	864.00	6.00	864.00
b	Medium point above 3Mtr upto 6Mtr from tapping point to out let via switch box Item No.-2.2.2)(Page No. - 5)	Point	6.00	215.00	6.00	1,290.00	6.00	1,290.00
c	Two outlet in a row, above 3Mtr upto 6Mtr from tapping point to out let via switches Item No.-2.2.4)(Page No. - 5)	Point	6.00	423.00	6.00	2,538.00	6.00	2,538.00
d	Three outlet in a row, above 6Mts upto 10Mtr from tapping point to out let via switches box Item No.-2.2.5)(Page No. - 5)	Point	6.00	593.00	6.00	3,558.00	6.00	3,558.00
62	Supplying and flush mounting powder coated / galvanized metal box suitable for mounting modular switch plates. The box should be firmly flush mounted after due groove cutting in Brick/Stone/C.C wall							
a	1-3Way Item No 3.5.1	Each	5.00	91.00	5.00	455.00	5.00	455.00
b	4-5Way Item No 3.5.2	Each	5.00	98.00	5.00	490.00	5.00	490.00
63	Supplying and fixing superior quality modular switch mounting polycarbonate plate with necessary supporting back plate with required nos. of machine screws, bolts nuts etc., complete on the existing metal/PVC box.							
a	1 to 3 Module Item No 3.6.1	Each	5.00	109.00	5.00	545.00	5.00	545.00
b	4 Module Item No 3.6.2	Each	5.00	122.00	5.00	610.00	5.00	610.00
64	Supplying and fixing of modular switch/ Socket/stepped electronic fan regulator/ dimmer/telephone socket etc on existing modular switch plate as per IS 3854 and IS 1293 GROUP A							
a	6Amps one way. Item No 3.7.A.1	Each	5.00	63.00	5.00	315.00	5.00	315.00
b	6Amps Two way. Item No 3.7.A.2	Each	5.00	87.00	5.00	435.00	5.00	435.00

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Sl. No.	Description of Item	Unit	BOQ	Rate	Present Measurement		Total Up to date	
					Qty	Amount	Qty	Amount
c	6Amps 3way socket.Item No 3.7.A.3	Each	5.00	95.00	5.00	475.00	5.00	475.00
65	Wiring for lighting/power circuit using one of FRLS PVC insulated 1100V grade, multistrand Copper with low conductor resistance single core wire in open or concealed system of wiring with specified IS-694:1990 & conforming to GTP of GROUP -A. (Elec SR - 2014-15 - Item No. - 2.5.2)(Page No. - 6)	M	100.00	18.60	100.00	1,860.00	100.00	1,860.00
a	1.5 sq. mm. (Elec SR - 2014-15 - Item No. - 2.5.2)(Page No. - 6)	M	100.00	29.20	100.00	2,920.00	100.00	2,920.00
b	2.5 sq. mm. (Elec SR - 2014-15 - Item No. - 2.5.3)(Page No. - 6)	M	100.00	42.10	100.00	4,210.00	100.00	4,210.00
c	4 sq. mm. (Elec SR - 2014-15 - Item No. - 2.5.4)(Page No. - 6)							
66	Supplying and fixing regular MCCB distribution Panel conforming to IS 8828, on wall / wood board / flush mounting using required clamps, bolts, nuts etc., with provision for fixing of suitable type capacity MCCB's as an incomer for 3 phase Double door with necessary bus bar completely wired to use on 440Volts 3phase 4 wire powder coated painting etc., complete with a provision for fixing of single/three phase suitable capacity MCCB/MCB's as outgoings conforming to IS8828.- 8 Way. Item No 6.15.2	Each	3.00	9,095.00	3.00	27,285.00	3.00	27,285.00
67	Supplying and fixing regular MCB distribution boards on wall / wood board / flush mounting using required clamps, bolts, nuts etc., with provision for fixing suitable type capacity MCB's single phase / 3 phase / single door with powder coated painting. Made out of 14 SWG MS enclosure.1 - Single Door Item No 6.13.A.1 - 8way SP & N. Item No 6.17.1.2	Each	3.00	866.00	3.00	2,598.00	3.00	2,598.00
68	Supplying, fixing and wiring Earth Leakage Miniature Circuit Breaker [ELMCB] 240/450V up to 300mA sensitivity on existing wood/panel board. Item No 6.18							
a	16-25 Amps 2 pole. Item No 6.18.1	Each	5.00	2,412.00	5.00	12,060.00	5.00	12,060.00
b	32-40 Amps 2 pole.Item No 6.18.2	Each	5.00	2,936.00	5.00	14,680.00	5.00	14,680.00
69	Supplying and fixing miniature circuit breakers on existing MCB distribution boards using necessary fixing materials and 'C' Type curve, indicator ON/OFF, energy cross-3 with Short circuit breaking capacity of 10K and complete wiring as required conforming to IEC 60898.Item No 6.16							
a	5-32Amps SP Item No 6.16.1	Each	5.00	418.00	5.00	2,090.00	5.00	2,090.00
b	40-63 Amps SP Item No 6.16.2	Each	5.00	1,547.00	5.00	7,735.00	5.00	7,735.00

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Sl. No.	Description of Item	Unit	BOQ	Rate	Present Measurement		Total Up do date	
					Qty	Amount	Qty	Amount
c	5-32 Amps DP Item No 6.16.3	Each	5.00	1,936.00	5.00	9,680.00	5.00	9,680.00
70	Supplying of 2 pin /4pin 18W CFL Lamp Item No , Page No 4-4.36,18-30	Each	15.00	120.00	15.00	1,800.00	15.00	1,800.00
71	3/2.2 Three Phase Motor For Open Well	Each	1.00	19,609.00	1.00	19,609.00	1.00	19,609.00
						42,38,830.76		42,38,830.76
						62,38,241.00		
		A.Sub Total Cost of KPWD SR Items				40,99,328.76		40,99,328.76
		B.Total Construction Cost				42,38,830.76	62,38,241.00	42,38,830.76
		C.12% GST on KPWD SR Items				4,91,919.45		4,91,919.45
	D.Cost towards 3% KRIDL Charges+ 1% CESS=B*4%					1,69,553.23	69,330.00	1,69,553.23
		E.Grand Total=(B+C+D)				49,00,303.45		49,00,303.45
						68,99,698.00		
		Rupees Forty Nine Lakh Three Hundred Three and Paise Forty Five Only						

Certificate:

- 1 Certified that the contractor has done the work satisfactorily
- 2 Certified that the debris has been removed from the site
- 3 Certified that the No dues from the contractor
- 4 Certified that the above item of the work were not claimed in any other bill



2025-26
Contractor
 Assistant Executive Engineer,
 R.R. Nagar, Sub-division,
 KRIDL, BBMP, Bangalore

[Signature]
 Assistant Engineer
 Yelahanka Project Division
 B.B.M.P.

[Signature]
 Assistant Executive Engineer
 Yelahanka Project Division
 B.B.M.P. 18/11/2024

Executive Engineer
 Yelahanka Project Division
 B.B.M.P.